

APPENDIX 5

Reconstruction of whole rib from divided samples. Original data were consulted and computational and typographic errors corrected.

<u>Case No.</u>	<u>Sample</u>	<u>Pu conc</u> <u>(%/g)</u>	<u>Sample -</u> <u>weight</u> <u>(g)</u>	<u>% dose</u> <u>in</u> <u>sample</u>
<u>Chi-1</u>	Sternum	0.0047	4.38	
	Rib, cortex	0.0016	1.0125	0.0016
	Periosteum	0.0046	0.1215	0.00056
	Marrow & spicules ^a	0.0160	<u>0.8292</u>	<u>0.0133</u>
	Whole rib (calculated)	0.0079	1.963	0.0155
<u>Chi-2</u>	Rib, cortex	0.0210	0.43	0.0090
	Marrow	0.0196	<u>0.2065</u>	<u>0.0040</u>
	Whole rib (calculated)	0.020	0.6365	0.0013
<u>Cal-1</u>	Rib, cortex	0.0072	9.0	0.065
	Periosteum	0.0048	0.445	0.00216
	Trabeculae	0.0319	0.84	0.0269
	Marrow	0.0190	-	<u>0.019</u>
	Whole rib (calculated)	0.0081	140 ^b	0.113

^aOrigin of marrow sample noted as rib in Russell/Nickson (Ref. 47). and

^bWhole rib sample weighed before division into four separate samples.

UCL-20850 0002429